

Copy to Bert Scodjiethi 7/27/10 ✓

**STATE OF DELAWARE**  
**SINGLE POINT OF CONTACT – SPOC**  
**INTERGOVERNMENTAL REVIEW OF FEDERAL PROGRAMS**  
**Office of Management and Budget**  
Haslet Building, 3<sup>rd</sup> Floor, Dover, Delaware 19901  
(302) 739-4206

1. STATE APPLICATION IDENTIFIER:

10-04-14-04--amended

SPOC use ONLY

Month

08

Reviewer

AG

CC's

L

2. Applicant Project Title: Broadband Mapping Grant for years 3, 4, & 5

3. Applicant Department: Dept of Technology & Information

4. Applicant Division/APU: 11-01-01

5. Applicant Address: 801 Silver Lake Blvd, Dover, DE 19904

6. Contact Person: Michael Hojnicky

7. Contact Person's Phone Number: 302-739-9654

8. Signature of Secretary or Agency Head (for state agencies) or Chief Administrator (for all other applicants)

9. Federal Grantor Department: Dept of Commerce

10. Federal Sub-Agency: NTIA

11. Federal Contact Person: TBD

12. Phone Number:

13. Address:

14. Federal Program Title:

Broadband Technology Opportunities Program (BTOP)

15. FEDERAL CATALOG NO:  
(CFDA)

16. Project Description:

**Data Collection, Integration, Verification, and Display**

Activities include public outreach and award of broadband opportunities, GIS data collection, capacity planning, deployment planning, application development and maintenance, additional web functionality, and repeated updates.

17. Will funds be utilized for any technology initiatives? ☒ Yes ☐ No If so, Business Case Number and brief project summary:

High level business case# 20071168

Specific business cases will be completed when funding is finalized. The scope of the projects will be scaled to match the available funding.

18. Measurable Objectives:

a. What were last year's objectives?

N/A

b. Were these objectives met? (If not, please explain why)

N/A

c. What are this year's objectives?

The projects for which DTI seeks funding will provide crucial mapping information for Delaware's broadband structure, and enable the state to prioritize initiatives to expand broadband services to underserved areas throughout the state.

(If more space is needed, please attach a separate sheet of paper)

7/21/10

<b>19. Grant Period:</b>  From: <i>TBD</i>  To:	<b>20. How many years has this project been funded:</b>  <i>Tentatively—3 years</i>	<b>21. If the project was funded last year, how much federal money was awarded?</b>  <i>\$1,542,733 for years 1 and 2</i>
---	---	---

<b>22. Source of funding for this application:</b>	Dollars
a. Federal grant	\$2,578,650
b. Other federal funds (Specify source of funding)	0
c. Required state contribution <i>DTI inkind match</i> (Specify source of funding)	\$379,991
d. Discretionary state contribution (Specify source of funding)	0
e. Required local contribution (Specify source of funding)	0
f. Other non- federal funds <i>Vendor inkind match</i> (Specify source of funding)	266,906
<b>TOTAL</b>	<b>\$3,225,547</b>

23. Budget by cost category and source:	Federal Funds	State Funds	Other Funds	Total Funds
Salaries & Fringe Benefits	\$172,104	\$208,626		\$380,730
Personal or Contractual Services	1,596,248		266,906	1,863,154
Travel				
Supplies & Materials	137,520	82,500		220,020
Capital Expenditures				
Audit Fees				
Indirect Costs	229,455	57,365		286,820
Hardware/Software/Telecom Equipment	443,323	31,500		474,823
<b>TOTAL</b>	<b>\$2,578,650</b>	<b>\$379,991</b>	<b>\$266,906</b>	<b>\$3,225,547</b>

<b>24. How many positions are required for the project? (Exclude casual/seasonal employees)</b>			
Breakdown of position(s)	Authorized in State Budget	New Positions Required	Total
Paid for out of federal funds			
Paid for out of General Funds			
Paid for out of state special funds			
Paid for out of bond/local/other funds			
<b>TOTAL</b>	<i>N/A</i>		

<b>25. PLEASE NOTE:</b> On a separate piece of paper, please give position number, grade, yearly salary and percent of funding (federal, state, local, other) and the full-time equivalent for all positions required. Please identify the new positions by placing an asterisk before the position title. If this grant funds positions within other departments, divisions and/or offices, please list them. If a position has been reallocated to or from another grant please indicate the grant source.
--

# Delaware Statewide Broadband Mapping and Planning Project Abstract

## *I. Projects with Awarded Funds*

The Delaware Department of Technology and Information (DTI) has successfully contracted with partners to gather, standardize, and verify necessary data from each broadband service provider and other appropriate supplemental sources as necessary, and DTI submitted Dataset 1 to the National Telecommunications and Information Administration (NTIA) as scheduled.

To date, nondisclosure agreements (NDAs) are under way and some providers have data pending. Once data is received from the pending providers, DTI will be able to provide more complete data regarding broadband coverage for rural areas. DTI staff are currently working toward the completion of Detailed Level Business Requirements for the development of Public Facing Web site for the state of Delaware to continue to work to present the resulting information to the public and state and local governments in a clear, accessible, and informative statewide broadband map.

DTI is collaborating with state-level agencies, local authorities, and other constituencies for planning projects designed to identify and address broadband challenges in the state. Planning activities include the development of a planning tool that will be integrated into the broadband mapping application to identify areas of improvement, creation of planning teams to prioritize projects based on assessed need, and implementation of a public awareness campaign.

## *II. Projects with Requested Funds*

### Data Collection, Integration, Verification, and Display

Data activities include data collection for Community Anchor Institutions, addressing on street segment level, application maintenance, additional Web functionality, and repeated updates.

### Other SBDD Program Purposes

- a. *Technical Assistance.* The Institute for Public Administration (IPA) within the University of Delaware will leverage its established relationships with Delaware's local governments, grant-in-aid recipients, and economic development agents to build a higher understanding of broadband capabilities and needs.
- b. *Local/Regional Planning Teams.* Supplemental funding for years 2 through 5 will fully support the ongoing efforts of the planning teams to identify issues affecting the deployment and full use of broadband, best practices related to broadband and potential projects for expanding broadband deployment and use within their particular communities of interest.
- c. *Programs to Improve Computer Ownership and Internet Usage.* This activity will enhance the capability of Delaware's smaller municipal governments and non-profit organizations to improve their levels of computer ownership and Internet usage, enabling them to serve a broader spectrum of their citizenry or clientele. In years 3 through 5, subgrant awards would be made to applicant entities that had completed and institutionalized their technology enhancement plans, and the technical assistance provided will include a focus on program evaluation and accountability.

# Delaware SBDD Supplemental Application

## Project Narrative

### *I. Summary of Funds Awarded and Requested*

#### **Awarded**

Current funding awarded: \$1,542,733

Current activities:

- Mapping (2010-2011) – Data collection, integration, verification, and display
- Planning (2010-2014) – Planning tool development, policy report and public awareness, planning teams, and planning updates

#### **Requested**

DTI proposed funding for four projects:

*Total Requested: \$2,578,650 (includes indirect costs)*

#### Project 1: Data Collection, Integration, Verification, and Display (see page 3 for more detail)

*\$1,040,212 – Project 1: Data*

Description: Data activities include data collection for Community Anchor Institutions, addressing on street segment level, application maintenance, additional Web functionality, and repeated data updating.

#### Other SBDD Program Purposes (see page 7 for more detail)

*\$1,538,438 – Other Purposes*

##### *a. \$497,505 – Project 2: Technical Assistance*

Description: The Institute for Public Administration (IPA) within the University of Delaware will leverage its established relationships with Delaware's local governments, grant-in-aid recipients, and economic development agents to build a higher understanding of broadband capabilities and needs.

##### *b. \$370,061 – Project 3: Local/Regional Planning Teams*

Description: Supplemental funding for years 2 through 5 will fully support the ongoing efforts of the planning teams to identify issues affecting the deployment and full use of broadband, best practices related to broadband, and potential projects for expanding broadband deployment and use within their particular communities of interest.

##### *c. \$670,872 – Project 4: Programs to Improve Computer Ownership and Internet Usage*

Description: This activity will enhance the capability of Delaware's smaller municipal governments and non-profit organizations to improve their levels of computer ownership and Internet usage, enabling them to serve a broader spectrum of their citizenry or clientele. In years 3 through 5, subgrant awards would be made to applicant entities that had completed and institutionalized their technology enhancement plans, and the technical assistance provided will include a focus on program evaluation and accountability.

## ***II. Current Efforts***

To accomplish the goals set forth in the July 2009 Notice of Funds Availability (NOFA), the Delaware Department of Technology and Information (DTI) has successfully contracted with GeoDecisions and IPA to gather, standardize, and verify necessary data from each broadband service provider and other appropriate supplemental sources as necessary.

On May 28, 2010, DTI submitted Dataset 1 to the National Telecommunications and Information Administration (NTIA) as scheduled. To date, all but one NDA have been approved and executed. Data are currently being processed for the providers with NDAs that were executed after the first data submission. Once the final NDA is executed and data are received, DTI will be able to provide more complete data regarding broadband coverage for rural areas. DTI staff are currently working toward the completion of Detailed Level Business Requirements for the development of public facing Web site for the state of Delaware.

DTI continues to work to present the resulting information to the public and state and local governments in a clear, accessible, and informative statewide broadband map. DTI is collaborating with state-level agencies, local authorities, and other constituencies for planning projects designed to identify and address broadband challenges in the state. Planning activities include the development of a planning tool that will be integrated into the broadband mapping application to identify areas of improvement, creation of planning teams to prioritize projects based on assessed need, and implementation of a public awareness campaign.

### ***III. Project Descriptions***

#### **i. Project 1: Data Collection, Integration, Verification, and Display (Data)**

**Current amount awarded for mapping: \$1,069,922**

**New funding request: \$1,040,212**

**Total amount: \$2,110,134**

Descriptions for each subproject included within this section indicate whether the subproject is a continuation of the previous award or whether the subproject is an enhancement that incorporates new developments.

#### **CURRENT ACTIVITIES:**

To accomplish the goals set forth in the July 2009 NOFA, DTI and its partners are gathering necessary data from each broadband service provider and other appropriate supplemental sources as necessary. The provider data is standardized and verified for accuracy. DTI will leverage existing technology infrastructure and framework geospatial data within the Delaware Geospatial Data Exchange, which is a relational spatial database under development that will be hosted at DTI.

DTI is geocoding provider data using existing Delaware framework layers, including centerline, parcel, point address, and census data, and is then integrating the data into a comprehensive dataset that follows the technical requirements outlined in the NOFA. This dataset is owned by the state and shared with NTIA within the U.S. Department of Commerce per the requirements of the NOFA. Data is maintained on an ongoing basis through scheduled updates from providers and through periodic surveys to continually verify the validity of the data. Other techniques such as self-mapping and self-testing will also be employed to verify the data.

DTI will present the resulting information to the public and state and local governments in a clear, accessible, and informative statewide broadband map. Developing a live and updateable map using existing dynamic database models stored in the Geospatial Data Exchange will allow multipoint access and on-the-fly map generation. This will allow users to access a map of broadband availability for a statewide view or for a particular street address. The mapping technology will allow for integration of multiple data sources and for manual editing.

#### **DATA GATHERING METHODOLOGY:**

**CONTINUED ACTIVITY – Community Anchor Institutions.** Pursuant to a research agreement that was executed with the DTI on March 26, 2010, IPA at the University of Delaware undertook the initial collection of broadband data from Delaware's Community Anchor Institutions. The current research agreement provides full funding for the initial six-month update of this data during CY 2010 and partial support for the data update efforts that are anticipated to be required during years 2 through 5 of the project.

✓

This request for increased funding over the period of years 3 through 5 is submitted in recognition of the demonstrated need for significant follow-up to ensure participation by the maximum number of Delaware's Community Anchor Institutions. The intended gathering of supplementary data such as institution size, current broadband service issues, characteristics of any available public broadband access, and anticipated needs will be of significant value in informing the other projects described in this proposal.

New funding request: \$32,744

#### ADDRESSING FILE DEVELOPMENT:

**ENHANCED ACTIVITY – Addressing on street segment level.** Because utilizing road segment information provides more accuracy in rural communities than measuring availability taken from census blocks, GeoDecisions plans to collect data regarding broadband service availability and characteristics on the address level for the 99 census blocks in Delaware that are greater than 2 square miles by Year 3.

GeoDecisions process will entail three steps. The first step will be to attempt to gather address level data by renegotiating NDAs with the providers who provide service within those census blocks. GeoDecisions will then collect the data from the providers and process and deliver to NTIA.

If the providers are unwilling to provide this data or do not agree to the revised NDA, GeoDecisions will then collect the data through focused surveys and field verification. GeoDecisions will collect address points for each census block larger than two square miles from the E911 programs of Sussex, Kent, and New Castle counties. GeoDecisions will then send out mailed surveys to each address that would capture much of the information necessary to meet the NOFA requirements. Addresses that do not respond to the survey will be individually field-verified by door-to-door surveys and through infrastructure assessment.

Additionally, DTI plans to purchase data from a marketing group to use as an additional method of verification. The report lists the name, address, e-mail address, e-mail service provider, Internet Service Provider, IP address, connection speed, and type for consumers entering their information into a Web form online or via e-mail offers. The report includes over 190,000 records from the entire state of Delaware.

New funding request: \$118,683 (\$105,360 + \$13,323)

#### PROCESSES FOR DATA INTEGRATION:

**ENHANCED ACTIVITY – Application maintenance.** GeoDecisions will provide maintenance and additional support to the already delivered and accepted Delaware Broadband Mapping Web Application for a period of four years. The additional support will entail mitigating and resolving any defects, implementing any change requests for functionality upgrades or additional support, updating of the application due to new releases of ArcGIS

✓  
Server, and providing general support for the deployed application within a three-year “warranty” period.

New funding request: \$120,739

#### VERIFICATION METHODOLOGY:

**ENHANCED ACTIVITY – Additional Web functionality.** GeoDecisions will develop Web-based collaboration tools that will help to streamline the data collection and field verification process. GeoDecisions will develop a field verification tool and a data submittal/collection tool.

The field verification tool will allow providers to securely log in and view the representation of their data via an interactive map. The providers will then be able to select one or more census blocks or street segments for approval or to add mark-up comments. The process will add greater efficiencies to the backlab verification process since providers will be able to access and verify data submitted to NTIA easily.

The data collection tool will also allow providers to securely log in and view the representation of their data through an interactive map. The providers will then have the option to submit or upload data using a secure FTP upload tool. If the providers do not have files to upload, they will be able to select one or more census blocks or street segments to make any changes to their service areas.

New funding request: \$357,460 (\$70,000 + 137,520 + \$149,940)

#### REPEATED DATA UPDATING:

**CONTINUED ACTIVITY – Repeated data updating.** GeoDecisions will provide ongoing maintenance and support of the Broadband Mapping program for three years in addition to the two years of data collection already funded. GeoDecisions will work with the state’s broadband planning teams to identify new providers within the state and to identify areas where services areas have expanded. Additionally, GeoDecisions will research new providers through media, 477 forms, as well as other state and federal datasets.

When new providers are identified, GeoDecisions will work with the providers to establish a collaborative relationship. GeoDecisions will work with newly identified providers to execute NDAs that allow for data collection, processing, and field verification. GeoDecisions will also use existing NDAs, previously agreed to by providers, to continuously receive service updates in CY 2012, CY 2013, and CY 2014. All data received will be backlab- and field-verified during each scheduled bi-annual data update.

The updated data will be delivered to the NTIA on a bi-annual basis in a format that meets the specifications within NOFA, NOFA clarification, and future NOFA revision. GeoDecisions will also provide data updates for the Delaware’s Broadband Web site as data is received or modified. GeoDecisions will modify any procedures to meet best practices once they are identified.



DTI has no plans to alter its original proposal regarding the method to provide non-confidential data to the public or keep confidential data secure and understands that NTIA has not approved any changes to the definition of Confidential Information, as described in the NOFA clarification.

New funding request: \$207,365

**PERSONNEL AND INDIRECT:**

**CONTINUED AND ENHANCED ACTIVITY – Personnel and indirect costs.** DTI staff will continue to support DTI's SBDD projects during the continued and enhanced activities listed in this proposal for Project 1 throughout the grant period. DTI staff time includes 3,885 hours over the four years of activity. Fringe benefits are based on 38 percent of allocated salaries, and indirect costs are 9.76 percent of all Project 1 direct costs.

New funding request: \$203,221 (\$77,536 + \$29,461 + \$96,224)

**COST:**

**Total costs include both federal request and state match.**

Total cost for continued and enhanced activities not previously funded: \$1,014,991

Total cost for continued and enhanced DTI personnel salaries and fringe benefits: \$217,397

Total indirect cost: \$120,281

CY	2010	2011	2012	2013	2014	Total
<b>Current Activity:</b>	\$1,123,203	\$332,411	\$0	\$0	\$0	\$1,455,614
<b>New Activity:</b>						
<b>Personnel Salaries</b>		\$21,308	\$45,409	\$45,409	\$45,409	\$157,535
<b>Fringe Benefits</b>		\$8,097	\$17,255	\$17,255	\$17,255	\$59,862
<b>Travel</b>						
<b>Equipment</b>		\$70,000	\$10,500	\$10,500	\$10,500	\$101,500
<b>Materials</b>		\$137,520	\$27,500	\$27,500	\$27,500	\$220,020
<b>Subcontracts</b>		\$216,735	\$159,789	\$174,269	\$129,355	\$680,148
<b>Construction</b>						
<b>Other</b>		\$13,323				\$13,323
<b>Total Direct Costs</b>		\$466,983	\$260,453	\$274,933	\$230,019	\$1,232,388
<b>Total Indirect Costs</b>		\$45,578	\$25,420	\$26,833	\$22,450	\$120,281
<b>Total New Costs</b>		\$512,561	\$285,873	\$301,766	\$252,469	\$1,352,669
<b>Total – All Activities</b>	\$1,123,203	\$844,972	\$285,873	\$301,766	\$252,469	\$2,808,283

Note on vendor cost estimates: The vendors from which DTI received bids for the various phases of this project are on the state-approved contractor list. This list consists of vendors that responded to a competitive bid for professional services. Each vendor is already on contract with the state to provide services at a negotiated rate.

✓

**ii. Other SBDD Program Purposes**

In addition to DTI's ongoing and enhanced activities regarding data collection, integration, verification, and display, the department proposes the following three projects related to other SBDD program purposes:

**a. Project 2: Technical Assistance**

NAME: Technical Assistance. IPA within the University of Delaware will leverage its established relationships to build a higher understanding of broadband capabilities.

FUNDS AWARDED: \$0

FUNDS REQUESTED: \$497,505

**PROBLEM:**

The provision of technical assistance to municipalities, non-profit community service organizations, and the small business community is essential to expanding the awareness of and engagement with issues related to broadband availability and use.

**SOLUTION:**

DTI will work with IPA to leverage its established relationships with Delaware Division of Libraries, local governments, grant-in-aid recipients, and economic development agents to build a higher understanding of broadband capabilities and needs. Currently available digital literacy initiatives will be identified, catalogued, and evaluated. Enhanced broadband education programs will be developed through established partnerships with organizations such as the Delaware Municipal Web Developers group and will be made available to community support entities through an ongoing program with train-the-trainer sessions.

Broadband literacy will be explicitly incorporated into the established programs of certificate training and professional development that IPA provides for local elected and appointed officials and their staff. Field deployment of a graduate-level Broadband Research Assistant will result in expanded direct assistance capabilities through economies that are similar to those associated with the AmeriCorps VISTA program.

**OUTCOMES AND BENEFITS:**

Providing technical assistance to municipalities, non-profit organizations, and the small business community will facilitate the expansion and awareness of broadband availability and utilization. Leveraging existing and historical technical assistance programs and knowledge-bases within Delaware will enable IPA to develop and enhance programs that provide digital literacy training and access to broadband services.

COST: \$589,169

CY	2010	2011	2012	2013	2014
<i>Current Activity – None</i>	\$0	\$0	\$0	\$0	\$0
<i>New Activity:</i>					

<b>Personnel Salaries</b>		<b>\$11,282</b>	<b>\$11,610</b>	<b>\$11,979</b>	<b>\$12,308</b>
<b>Personnel Fringes</b>		<b>\$4,287</b>	<b>\$4,412</b>	<b>\$4,552</b>	<b>\$4,677</b>
<b>Subcontracted Costs</b>	<b>\$0</b>	<b>\$112,742</b>	<b>\$116,125</b>	<b>\$119,608</b>	<b>\$123,197</b>
<b>Total Direct Costs</b>	<b>\$0</b>	<b>\$128,311</b>	<b>\$132,147</b>	<b>\$136,139</b>	<b>\$140,182</b>
<b>Total Indirect Cost</b>		<b>\$12,523</b>	<b>\$12,898</b>	<b>\$13,287</b>	<b>\$13,682</b>
<b>Total New Costs</b>	<b>\$0</b>	<b>\$140,834</b>	<b>\$145,045</b>	<b>\$149,426</b>	<b>\$153,864</b>
<b>Total – All Activities</b>	<b>\$0</b>	<b>\$140,834</b>	<b>\$145,045</b>	<b>\$149,426</b>	<b>\$153,864</b>

Subcontractor costs include salaries and fringe benefits for professional staff, administrative staff, and graduate research assistants. Subcontractor travel, equipment and supplies, and room rental costs begin at \$500, \$800, and \$3,000 respectively. All costs increase annually.

**SBDD PURPOSE:**

This activity focuses on leveraging Delaware's ability to convene, support, coordinate, and enhance programs that provide digital literacy training and access to broadband and related equipment.

**b. Project 3: Local/Regional Planning Teams**

NAME: Local/Regional Planning Teams. This request for supplemental funding will support the ongoing efforts of the planning teams to identify issues affecting the deployment, expansion, and use of broadband within the state of Delaware.

FUNDS AWARDED: \$183,520

ADDITIONAL FUNDS REQUESTED: \$370,061

**PROBLEM:**

The currently proposed scope of work provides significant support in Year 1 for the creation and facilitation of local technology planning teams, with specific areas of focus on Delaware's agricultural, local government, and small business communities. Limited funding for the continued facilitation of the meetings of these planning teams and the maintenance of their team Web sites is currently provided for years 2 through 5.

**SOLUTION:**

This request for supplemental funding is intended to fully support, at the Year 1 level, the ongoing efforts of the planning teams to identify issues affecting the deployment and full use of broadband, best practices related to broadband, and potential projects for expanding broadband deployment and use within their particular communities of interest. This additional funding will also permit the expansion of the local technology planning team concept during years 2 through 5 to include Delaware's community of independent sector public service entities through the engagement of the Delaware Association of Nonprofit Agencies (DANA).

**OUTCOMES AND BENEFITS:**

Funding will enable the planning teams to fully identify issues concerning broadband deployment, expansion, and utilization within their particular communities of interest.

COST FOR NEW ACTIVITY: \$494,345

CY	2010	2011	2012	2013	2014
<i>Current Activity: Convene Community Planning Team</i>	\$83,520	\$25,000	\$25,000	\$25,000	\$25,000
<i>New Activity:</i>					
<b>Personnel Salaries</b>		\$9,477	\$9,723	\$10,051	\$10,338
<b>Personnel Fringes</b>		\$3,601	\$3,695	\$3,819	\$3,928
<b>Subcontracted Costs</b>		\$94,596	\$97,434	\$100,357	\$103,368
<b>Total Direct Costs</b>		\$107,674	\$110,852	\$114,227	\$117,634
<b>Total Indirect Cost</b>		\$10,509	\$10,819	\$11,149	\$11,481
<b>Total New Costs</b>	\$0	\$118,183	\$121,671	\$125,376	\$129,115
<b>Total— All Activities</b>	\$83,520	\$143,183	\$146,671	\$150,376	\$154,115

Subcontractor costs include salaries and fringe benefits for professional staff, administrative staff, and graduate research assistants. Subcontractor travel, equipment, supplies, and room rental costs include a 3 percent increase annually.

**SBDD PURPOSE:**

These teams will benchmark technology utilization across relevant community sectors, set goals for improved technology utilization within each sector, and develop specific recommendations to develop the Web-based application and increase demand.

**c. Project 4: Programs to Improve Computer Ownership and Internet Usage**

NAME: Computer Ownership and Internet Usage Improvement Program. DTI is committed to developing municipalities and non-profit organizations through increased computer ownership and Internet usage.

FUNDS AWARDED: \$0

FUNDS REQUESTED: \$670,872, including \$360,000 in subgrants

**PROBLEM:**

Municipal governments and community service organizations with operating budgets of less than \$500,000 are often at a disadvantage regarding computer ownership and Internet usage, and service delivery to their clientele is subsequently limited.

**SOLUTION:**

This activity will enhance the capability of Delaware's smaller municipal governments and non-profit organizations to improve their levels of computer ownership and Internet usage, enabling them to serve a broader spectrum of their citizenry or clientele.

Eligibility would be limited to municipal governments and community service organizations with operating budgets of less than \$500,000 – of which Delaware has a significant number. Awareness of the availability of the Computer Ownership and Internet Usage Improvement Program would be promoted through the Public Awareness Campaign activities currently proposed to begin during Year 1 of the project and continue into Year 2.

Upon selection, an applicant entity would receive technical assistance in the development of technology enhancement plan that would specify the benefits to be gained by the organization, or its clientele, through the acquisition of new or improved broadband connectivity, hardware, or software, along with the requisite employee training.

Commencing in Year 3, subgrant awards will be made to applicant entities that had completed and institutionalized their technology enhancement plans, and the technical assistance provided will include a focus on program evaluation and accountability. Subgrant awards would continue during years 4 and 5, supporting the needs of subsequent applicants who had completed their technology enhancement plans.

While the subgrant program will, of necessity, be competitive, the program of aggressive outreach efforts associated with the Technical Assistance activities described previously will be especially targeted toward those smallest, but often highly-deserving, entities that would be at the greatest disadvantage in preparing high quality applications. During the course of the subgrant period, ongoing technical assistance will focus on the critical element of sustainability once the grant funds have been exhausted.

As noted above, it is anticipated that organizational eligibility for the disbursement of subgrant funds will not occur prior to Year 3 of the program (following the receipt of technical assistance during Year 2), and that subgrant awards would continue during years 4 and 5. It is anticipated that the subgrant funds would be disbursed directly to the recipient entities by DTI.

#### OUTCOMES AND BENEFITS:

As a result of this funding, Delaware citizens will show increased computer literacy, computer ownership, and Internet usage.

COST: \$789,364, including \$360,000 in subgrants

CY	2010	2011	2012	2013	2014
<b><i>Current Activity – None</i></b>	\$0	\$0	\$0	\$0	\$0
<b><i>New Activity:</i></b>					
<b>Personnel Salaries</b>		\$7,590	\$7,754	\$8,000	\$8,246
<b>Personnel Fringes</b>		\$2,884	\$2,947	\$3,040	\$3,133
<b>Subcontracted Costs</b>		\$75,908	\$77,541	\$79,867	\$82,263
<b>Other Costs</b>		\$0	\$120,000	\$120,000	\$120,000
<b>Total Direct Costs</b>		\$86,382	\$208,242	\$210,907	\$213,642
<b>Total Indirect Cost</b>		\$8,431	\$20,324	\$20,585	\$20,851
<b>Total New Costs</b>	\$0	\$94,813	\$228,566	\$231,492	\$234,493
<b>Total – All Activities</b>	\$0	\$94,813	\$228,566	\$231,492	\$234,493

Subcontractor personnel costs include salaries and fringe benefits for professional staff and administrative staff. Subcontractor travel, equipment and supplies, and room rental costs begin at \$300, \$4,500, and \$3,000 respectively. Subcontractor professional staff involvement increases annually while administrative involvement decreases.

✓

**SBDD PURPOSE:**

Funds provided in this area will support or establish programs designed to improve computer ownership and Internet usage. The project includes a combination of technical assistance and subgrants to small organizations or businesses whose small size and limited technical qualifications would have limited their ability to file Broadband Technology Opportunities Program grant applications that fit within program guidelines. The funding will further integrate broadband use and computer ownership into each organization and/or the programs they run in their communities.

#### ***IV. Conclusion***

DTI is the state's central information technology organization chartered to (1) deliver core services to other state organizations and (2) exercise governance over the technology direction and investments of the state. DTI's "customers" are all state organizations including the legislative, executive, and judicial branches, public schools, and the various agencies and quasi-agencies that serve the citizens of Delaware. DTI provides enterprise services that enable other organizations to effectively fulfill their missions and is committed to delivering high quality and cost-effective services that meet or exceed the customer's requirements.

DTI has been involved in several statewide initiatives that include broadband deployment and mapping technology. From 2001 to 2004, DTI partnered in one of the most comprehensive and robust broadband deployments in the United States. Other projects include the development of the Delaware Geospatial Data Exchange which will be an enterprise data repository for commonly shared geospatial data and will be hosted and maintained by DTI.

The projects for which DTI seeks funding will provide crucial mapping information for Delaware's broadband structure, and enable the state to prioritize initiatives to expand broadband services to the unserved and underserved areas throughout the state. This will address the federal and state goals of economic development, job growth, and access to online government and private sector services. Completion of the projects included in this application will enable citizens of Delaware to be competitive in today's digital economy.



**STATE OF DELAWARE  
DEPARTMENT OF TECHNOLOGY AND INFORMATION**

WILLIAM PENN BUILDING  
801 SILVER LAKE BOULEVARD  
DOVER, DELAWARE 19904

**THE HONORABLE JAMES H. SILLS, III  
SECRETARY/CIO**

**PHONE: 302-739-9629**

Anne W. Neville  
National Broadband Mapping Program Director  
National Telecommunications & Information Administration  
U.S. Department of Commerce  
1401 Constitution Avenue, N.W.  
Washington, DC 20230

June 30, 2010

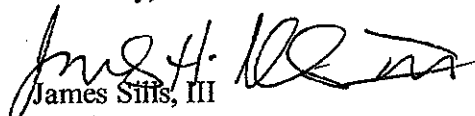
Re: Delaware SBDD Supplemental Application

Dear Ms. Neville:

As per the Letter of Designation submitted with the initial Statewide Broadband Data and Development (SBDD) Grant Program application, the Delaware Department of Technology and Information (DTI) is the designated entity within the state to apply for and receive SBDD grant funds from the National Telecommunications and Information Administration (NTIA) within the U.S. Department of Commerce on behalf of the state of Delaware. DTI is a government agency and serves as the state's central IT organization.

Delaware has taken an aggressive approach to "E-Government" and has long held that to position our state's citizens and the state's economy for continued success, we must do more. The Recovery Act's funding will enable our state to significantly move our technology agenda forward. The projects for which our state seeks funding will not only provide mapping information for our broadband structure, but will also allow us to prioritize initiatives to expand broadband services to the underserved and unserved areas throughout the state. Completion of these projects included in this application will insure that citizens of Delaware will have the best possible technological advantages in the brighter years ahead.

Sincerely,

  
James Sills, III  
CIO/Secretary

Department of Technology & Information





June 30, 2010

COLLEGE OF EDUCATION & PUBLIC POLICY

INSTITUTE FOR  
PUBLIC ADMINISTRATION

180 Graham Hall  
University of Delaware  
Newark, DE 19716-7380  
PH: 302/831-8971  
Fax: 302/831-3488  
Email: [ipa@udel.edu](mailto:ipa@udel.edu)  
Web: [www.ipa.udel.edu](http://www.ipa.udel.edu)

Anne W. Neville  
National Broadband Mapping Program Director  
National Telecommunications & Information Administration  
U.S. Department of Commerce  
1401 Constitution Avenue, N.W.  
Washington, DC 20230

Re: Delaware SBDD Supplemental Application

Dear Ms. Neville:

The Institute for Public Administration (IPA) of the University of Delaware (UD) is a current partner of the Delaware Department of Technology and Information (DTI) for the State Broadband Data and Development (SBDD) Grant Program, and we welcome the opportunity for additional involvement throughout the entire grant period.

Currently, we are providing services regarding Community Anchor Institutions as well as the planning activities awarded through the first SBDD grant application. IPA supports DTI's efforts and Delaware's commitment to the SBDD Supplemental Application by submitting a second proposal for additional involvement. Specifically, our proposed activities regard collecting updated data from Community Anchor Institutions, providing Technical Assistance, aiding planning teams, as well as developing a program to enhance computer ownership and internet usage.

Our second SBDD proposal includes a 20% in-kind funding match from IPA that equates to \$202,906 in Professional Staff Salary, Fringe and Indirect Costs over the four years 2011-2014. This in-kind match represents a portion of the administrative time that will be required of the University's Principal Investigator for the coordination of IPA's proposed SBDD activities. This administrative time will be supported through other University sources and will not, therefore, be charged against the funding that is being requested through the grant for the University's performance of these activities.

We look forward to working with DTI to further broadband activities within the state of Delaware.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerome R. Lewis".

Jerome R. Lewis  
Director



**GEODECISIONS**  
Suite 207  
56 W. Main St.  
Christiana, DE 19702-1500

**Office: (302) 731-7531**  
Fax: (302) 731-1390  
www.geodecisions.com

June 29, 2010

Mr. Mike Hojnicky  
Department of Technology and Information  
801 Silver Lake Blvd  
Dover, DE 19904

Re: Federal Required Match for Broadband Grant

Dear Mr. Hojnicky:

As requested by the Delaware Department of Technology and Information (DTI), GeoDecisions is proposing a projected match of over 10% or at least \$64,000 based on the following functions and services

- Graphing, Charting and querying code, developed by GeoDecisions for Government & Commercial clients
  - Projected match over 4 years of equal to or greater than \$40,000 or at a minimum of \$10,000 developed code per year
- Development and Deployment of the business layer control
  - Projected match over 4 years of equal to or greater than \$20,000 or at least a minimum of \$5,000 developed code per year
- Training and public outreach
  - Projected match over 4 years = 4,000 or \$1,000 per year

We look forward to continual service to DTI and the State of Delaware.

Very Truly Yours,

**GEODECISIONS,**  
A Division of Gannett Fleming, Inc.

Anthony J. Pietropola  
President

AJP/jlg